

Claims

1. Passenger seat with a reclinable backrest that is provided with a cover on the front side, and with a foam-filled air cushion arrangement disposed under the cover, characterized in that the air cushion arrangement has at least one centrally arranged air cushion and two lateral air cushions.
2. Passenger seat according to Claim 1, characterized in that the backrest has a concave back recess arranged under the cover, which recess in the inflated state is essentially filled by the central air cushion.
3. Passenger seat according to one of the preceding claims, characterized in that the lateral air cushions delimit the central air cushion and in the inflated state have a lesser thickness close to the air cushion than in an area facing away from the central air cushion.
4. Passenger seat according to one of the preceding claims, characterized in that the lateral air cushions in the inflated state continue laterally the concave shape of the back recess and the

evacuated central air cushion located in it, in an essentially uninterrupted manner.

5. Passenger seat according to one of the preceding claims, characterized in that the lateral air cushions in the evacuated state are arranged essentially flat beneath the cover.

6. Passenger seat according to one of the preceding claims, characterized in that the lateral cushions in the evacuated state and the central air cushion arranged between the lateral air cushions in the inflated state together form an essentially flat surface.

7. Passenger seat according to one of the preceding claims, characterized in that the cover is secured in a pull-resistant but detachable manner at least to the lateral air cushions, and preferably also to the central air cushion, so that, when an air cushion is evacuated, the cover remains in contact with it.

8. Passenger seat according to one of the preceding claims, characterized in that the air cushions, as a function of a control unit, can be connected to a device for the creation of a vacuum.

9. Passenger seat according to one of the preceding claims, characterized in that the air cushions are self-inflating.

5 10. Passenger seat according to one of the preceding claims, characterized in that the air cushions, as a function of a control unit, can be connected to a device for the generation of compressed air.

10 11. Passenger seat according to one of the preceding claims, characterized in that in the lower lumbar vertebral column region of the backrest at least one further lumbar air cushion is provided between the central air cushion and the cover, which can be inflated independently of the central air cushion.

15 12. Passenger seat according to one of the preceding claims, characterized in that the lumbar air cushion is not filled with foam material.

20 13. Method for the adjustment of a passenger seat, in particular in accordance with one of the preceding claims, characterized by the following steps:
a) Evacuation of at least one of the air cushions centrally arranged in the backrest and inflation of at least two lateral air

cushions located laterally next to the air cushion for the forming of a shell shape in an upright position of the backrest;

b) Partial inflation of the central air cushion and partial evacuation of the lateral air cushions in an inclined position of the backrest; and

c) Evacuation of the lateral air cushions and inflation of the central air cushion to form an essentially flat lying surface in a lying position of the backrest.

- 10 14. Method according to Claim 13, characterized in that the method steps a) to c) are carried out by a control unit automatically as a function of the inclination angle of the backrest.